## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 June 2005 (16.06.2005)

**PCT** 

## (10) International Publication Number WO 2005/053511 A2

(51) International Patent Classification<sup>7</sup>:

A61B

(21) International Application Number:

PCT/US2004/039663

(22) International Filing Date:

24 November 2004 (24.11.2004)

(25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data:

60/525,626 26 Novemb 60/525,922 1 Decemb

26 November 2003 (26.11.2003) US 1 December 2003 (01.12.2003) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier applications:

US 60/525,626 (CIP) Filed on 26 November 2003 (26.11.2003)

US 60/525,922 (CIP) Filed on 1 December 2003 (01.12.2003)

(71) Applicant (for all designated States except US): JOHNS HOPKINS UNIVERSITY [US/US]; 100 North Charles

St, 5th Floor, Baltimore, MD 21201 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KALLOO, Anthony, N. [US/US]; 10708 Forestgate Pl, Glenn Dale, MD 20769 (US). KANTSEVOY, Sergey, Veniaminovich [US/US]; 11302 Gilsan St, Silver Spring, MD 20902 (US).

(74) Agent: BARRETT, Michael, C.; Fulbright & Jaworski, LLP, 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PERORAL TRANSGASTRIC ENDOSCOPIC TECHNIQUES

(57) Abstract: Methods and apparatus for accessing the peritoneal cavity and for ligation of fallopian tubes. A representative method includes using an endoscope to orally access a gastric wall. The gastric wall is punctured to provide access to a peritoneal cavity. The endoscope is advanced into the peritoneal cavity through the puncture. A fallopian tube is located and ligated. The endoscope is removed.